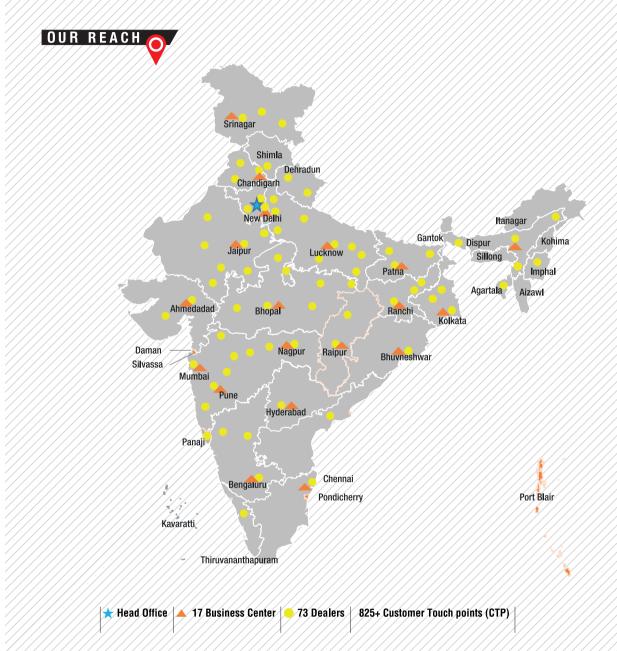
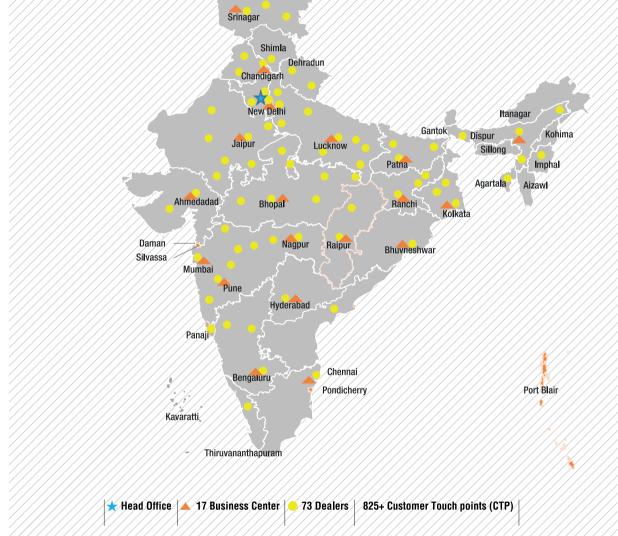
## HYDRA 15 4P









Tel.: 0129-2306574/2306598/2306571 Fax: 0129-2306572 Website: www.escortsgroup.com

15 t HYDRA 15 6 Fall Service Interval (Engine) 500 h **Robust** 





**Heavy Duty** 



RATED CAPACITY

1.6 m radius 15 tonne 1.2 tonne 12.5 m radius

**ENGINE** 

Make & Model Escorts AE 4.312C-3A four cylinder, water cooled diesel engine developing 49.5 HP

@ 2200 RPM or equivalent

\*500 hrs service interval available in escorts engine.

TRANSMISSION

Drive 2 Wheel drive

Type Heavy duty transmission developed

especially for crane application. Constant mesh gearbox coupled with robust straight drive axle. Eight forward and two reverse speeds with high/low

selector lever

1.9 km/h ideal for crane operation Creep Speed

Max. Speed 29 km/h (unladen)

Clutch Heavy duty clutch, wire woven,

asbestos free

STEERING

Type Articulated power steering, hydraulically

controlled through 2 double acting jacks

Articulation Up to 50° Turning Radius 6.75 m

**HOIST MECHANISM** 

Hoist Hydraulic winch. Six falls

(Winch capacity 12 t). Rope dia 13 mm

**BRAKES** 

Front Wheel Pneumatic assisted hydraulic brakes Rear Wheel

Disc brakes actuated through a slave

Parking Hand control valve operated, Air assisted Hydraulic parking brakes at all wheels

(Standard models)

Hand control valve operated, Air assisted Parking brakes at Front wheels (with Air

brake models)

**HYDRAULIC SYSTEM** 

Pump Vane type hydraulic pump

Control Valve 4 spool control valve with built in

pressure relief valve and precision control

Suction line has a 100 mesh in line strainer while return line has 25 microns full flow filter

**ELECTRICAL SYSTEM** 

Hydraulic Filter

12V Single battery, Negative earth Type

CAPACITIES

Fuel Tank 38 I Hydraulic Tank 65 I

TRACK

1 980 mm Front Rear 1 680 mm

**OVERALL DIMENSIONS** 

11 900 mm Length Width 2 550 mm Heiaht 3 100 mm

**OPERATING WEIGHT (KG)** 

Gross Vehicle 11 700 kg Weight

**№** воом

Telescoping 4 parts, 3 parts hydraulically powered & fully synchronized,

4th part power extended &

manually pinned

Derricking Through double acting jacks

**TYRES** 

11.00 X 20 -16 PR (4 number), Front inflation pressure 110 - 115 PSI

Rear 13.00 X 24 -12 PR (2 number). inflation pressure 35 PSI.

Water ballasted

**SAFETY SYSTEM** 

· Rope compensation for auto leveling

· Overload audio warning system

· Hose protection failure device

· Safety brakes on hoist

· Cylinder guard for protection

· System Low air pressure warning buzzer

STANDARD ACCESSORIES

· All Weather Cabin

· Lift Cylinder Guard

· Turn & Reverse Lamp

· Front Bumper

· Rear View Mirror

Reflectors

**OPTIONAL ACCESSORIES** 

Fly Jib

Tool Box

Spark Arrestor

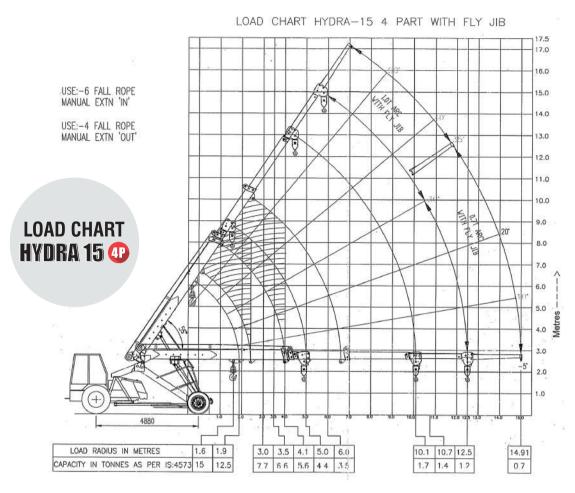
· Fire Extinguisher

· Safe Load Indicator

• 14 x 24 Heavy Duty Tyres

· Air Brakes on Front Wheel

· Over Hoist & Hydraulic Cutoff Kit Capacity with 6 falls snatch block for HYDRA 15 4D



Rated loads are calculated for operation on leveled surface.

## **FEATURES**



**SLOTTED BOOM AND ROPE** Compensation for precision handling & auto leveling of loads.



**HYDRAULIC WINCH OF 12T** 

precision handling & low maintenance.



**TRANSMISSION** 

Heavy duty straight axle with constant mesh transmission.



**ENGINE** 

Escorts Engine BS-III (CEV compliant) - high on power/torque & low on fuel consumption & maintenance.



**CABIN** 

Ergonomically designed spacious cabin with modern dashboard for utmost operator comfort and operation.



**REAR BREAKES** 

Disc brakes at the rear for effective braking.





